

## XP-002249816

AN - 1984-169555 [27]

AP - SU19813263127 19810112

CPY - URFO

DC - F09

FS - CPI

IC - D21D3/00 ; D21H3/02

IN - GRUSHKO L A; KRYLOV V S; LUPANOVA L V

MC - F05-A02B F05-A06D

PA - (URFO ) URALS FORESTRY INST

PN - SU1049597 A 19831023 DW198427 002pp

PR - SU19813263127 19810112

XA - C1984-071710

XIC - D21D-003/00 ; D21H-003/02

AB - SU1049597 The fermentation prod. expenditure is 3-7% on the wt. of dry fibre.

- As previously, the paper mfr. involves adding a sizing agent to the milled unbleached sulphate pulp before pouring-off the web.
- The proposed method reduces the amt. of drainage water requiring cleansing and extends the raw material base.
- The proposed sizing agent has compsn (mg/l):dry solids content 8500-13000; biological oxygen demand 2500-6000; chemical oxygen demand 12000-16000; suspended matter 1570-2830.
- (2pp Dwg.No.0/0)

IW - MANUFACTURE PAPER BAG PRODUCE FERMENTATION WASTE PRODUCT HYDROLYSIS  
INDUSTRIAL SIZE AGENT REDUCE COST INCREASE STRENGTH

IKW - MANUFACTURE PAPER BAG PRODUCE FERMENTATION WASTE PRODUCT HYDROLYSIS  
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INW - GRUSHKO L A; KRYLOV V S; LUPANOVA L V

NC - 001

OPD - 1981-01-12

ORD - 1983-10-23

PAW - (URFO ) URALS FORESTRY INST

TI - Mfr. of paper for bags prodn. - uses fermentation waste prod. from hydrolysis industry as sizing agent to reduce cost and increase strength